UNITED STATES WOLF SCHOOL QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4575 I NE (MINNEHAHA CREEK SOUTH) R 37 E. R. 38 E 107°07′30″ 45°52′30″ 35 36 31 34 33 T 2 N NOTE: All mining-ratio values east of the Crow Indian ceded lands boundary on this quadrangle are greater than 15. NOTE: All remaining Federal coal lands west of this line and north of the Crow-Indian Reservation were ceded to the Crow Indians in 1958. 10 11 12 16 13 15 14 16 20 22 24 28 25 28 29 47'30" 32 33 35 31 T. 1 N. T. 1 S. 10 11 11 12 13 (JEANS FORK NE R. 37 E. 5 107°00 Base map from U.S. Geological Survey, 1972 Compiled in 1977 SCALE 1:24 000 MONTANA

COAL RESOURCE OCCURRENCE MAP OF THE WOLF SCHOOL QUADRANGLE, BIG HORN AND TREASURE COUNTIES, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

OPEN FILE REPORT 79-020 PLATE 5 OF 17

OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

**EXPLANATION** 

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OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. The 100-foot isopach is omitted where it is too close to a mining-ratio contour for map readability. Isopach interval 100 feet (61 m).

BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

To convert feet to meters, multiply feet by 0.3048.

To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply yds<sup>3</sup>/ton by 0.842.

PLATE 5

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE Q COAL BED